

Product: 6301UE

Security & Sound, 3 Conductor 18 AWG BC, CMP

Product Description

Security & Commercial Audio Cable, 3 Conductor 18 AWG stranded (7x26) bare copper conductors with Flamarrest® insulation, Plenum-CMP, Flamarrest® jacket with ripcord

Technical Specifications

Product Overview

Suitable Applications:	Intercom/PA Systems, Sound/Audio Systems

Construction Details

Conductor

Element	Number of Element	Size	Stranding	Material
Conductor(s)	3	18 AWG	7x26	BC - Bare Copper

Insulation

Element	Material	Nom. Thickness	Color Code
Conductor(s)	PVC - Polyvinyl Chloride	0.009 in (0.23 mm)	Black, Red, White

Outer Jacket

Material	Nom. Thickness	Nom. Diameter	Ripcord
PVC - Polyvinyl Chloride	0.015 in (0.38 mm)	0.163 in (4.14 mm)	Yes

Overall Cable Diameter (Nominal):	0.163 in (4.14 mm)

Electrical Characteristics

Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Max. Current
Conductor(s)	6.5 Ohm/1000ft (21 Ohm/km)	34 pF/ft (110 pF/m)	5 Amps per conductor @ 25°C

Voltage

UL Voltage Rating
300 V (CMP)

Mechanical Characteristics

Temperature

UL Temperature	Operating
75°C	0°C to +75°C

Bend Radius

Stationary Min.	Installation Min.
1.6 in (41 mm)	1.6 in (41 mm)

Max. Pull Tension:	67 lbs
Bulk Cable Weight:	23 lbs/1000ft (34 kg/km)

Standards and Compliance

Environmental Suitability:	Indoor - Plenum, Indoor
Flammability / Reaction to Fire:	NFPA 262, UL 910 (Plenum), FT6
NEC / UL Compliance:	Article 800, CMP
CEC / C(UL) Compliance:	CMP
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)
Non-Plenum Number:	5301UE

History

Update and Revision:	Revision Number: 0.335 Revision Date: 12-15-2021

Variants

Item #	Color	Putup Type	Length	UPC
6301UE 877500	Natural	Reel	500 ft	612825175209
6301UE 8771000	Natural	Reel	1,000 ft	612825175223
6301UE 877U1000	Natural	UnReel	1,000 ft	612825427308
6301UE 877Z1000	Natural	ReelTuff Box	1,000 ft	612825175247

© 2022 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.